Summary of Cleanup Alternatives for Slip 4

March 8, 2005

	Alternative 1: Cap	Alternative 2: Limited Removal and Cap	Alternative 3: Dredge Inner Berth and Cap Outside of Inner Berth
Description of Actions			
In-Water Actions			
Dredging	Near outfalls as needed	Near outfalls and in area with hightest PCBs	Near outfalls and throughout inner berth
Capping	Throughout cleanup area	Throughout cleanup area	Only outside of inner berth
Shoreline Actions	Combination of excavate and cap	Combination of excavate and cap	Combination of excavate and cap
Material Quantities			
Dredge, transport, landfill (cy)	4,000	8,000	28,000
Import for cap (cy)	27,000	27,000	20,000
Evaluation Considerations			
Overall Protection of Human Health and the Environment	Meets project objectives	Meets project objectives	Meets project objectives
Promotes Protection/Restoration of Ecosystems	High	Highest	Low
Promotes Cultural Uses (Tribal Fishing)	High	Highest	Low
Need for Dredged Material Management	Low	Moderate	High
Promotes Navigation/Economic Vitality	Low	Low	High
Cost	$3.5-4.5M. Cost for encumbrance on land use unknown.	$4.5-5.5M. Cost for encumbrance on land use unknown.	$7.5-8.5M. Low or no costs for encumbrance on land use
Long-term Monitoring	Typical cap monitoring	Typical cap monitoring	Typical cap monitoring
Long-term Maintenance Needs	Low	Low	Potentially higher for berth area

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